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TITLE : BIODEGRADABLE RESIN COMPOSITION

ABSTRACT : PURPOSE: To improve the mechanical strengths and biodegradability of a biodegradable plastic by compounding it with hoya cellulose fibers.

CONSTITUTION: A husk of hoya is cut to 5-20mm, ground, and microfibrillated to give hoya cellulose fibers having diameters of 0.1 $\mu$ m or lower. A biodegradable plastic selected from among polylactic acid, a lactic acid-hydroxycarboxylic acid copolymer, etc., is compounded with 5-60wt.% hoya cellulose fibers.

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